

U10 Beamline Safety Checklist - July 17, 1998

A safety checklist must be completed with the posting of an experiment safety approval form. It must be signed by a person listed on the safety approval form who has received beamline specific training.

- Vacuum valve V1 serves as primary beamline isolation valve. It is interlocked to G-P ion gauge G1. Fast valve V2 is interlocked to a mini-ion pump attached to the 6-way cross just downstream of the 240 l/s P-E ion pump.
- U10 has no safety shutter, exclusion zones, nor additional (beamline specific) lead shielding. Beam is extracted vertically up and then over the passive ring shielding.

Safety checklist pertains to: visible, infrared and UV light hazard and vacuum integrity.

☐ All personnel have received NSLS User training and are wearing radiation dosimeters.

☐ All personnel have received beamline operation and safety awareness training (BLOSA).

☐ Pressure in the M1/M2 mirror chamber is $\sim 2 \times 10^{-9}$ Torr or below, as read on ion gauge #G1.

☐ Viewport atop 6-way cross (just downstream of 240 l/s P-E ion pump) is covered.

☐ Synchrotron beam from diamond window is fully contained.

☐ If used, Hg arc lamp (U10A spectrometer) sources will be contained to prevent hazardous exposure to UV light.

Signature: _____ Date: _____

Op. Co.: _____ Date: _____